

MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/27/2012	Man Days: 2
Inspection Unit: Marion	
Location of Audit: Marion	
Exit Meeting Contact: Michael Fuller	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Aaron McElravy, Matt Smith	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: Courtney Street, Marion IL.		Construction Performed By: K&S Energy
Contractor Foreman:	Terry Paul	
Operator Inspector:	Tom Deely	
Person(s) On Job Site		
Description of Construction: A directional bore was observed. When the bore is complete then a 2" PE main is to be pulled through the bore.		

MAIN INSTALLATION		Status
192.55	Steel	No
192.59	PE	Yes
<u>General Comment:</u> PE pipe was to be installed. During this portion of the audit, PE pipe was not observed being installed.		
192.59	Other	No
192.5	Class location :	3
192.619,192.621,192.623	MAOP	60

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192.63	Pipe Size :	2
192.55,192.59	Specification :	ASTM D2513
192.55,192.59	Manufacturer :	Driscoplex 6500
192.55,192.59	Pipe Grade :	PE 2406/2708
192.55,192.59	Wall Thickness :	DR 11.0
192.63(a)(2)	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
<u>General Comment:</u> <i>Plastic pipe was marked for identification.</i>		
192.227	Date of Welder qualification:	Not Applicable
<u>General Comment:</u> <i>Welding was not conducted on this project.</i>		
192.227	Welder's Name:	Not Applicable
<u>General Comment:</u> <i>Welding was not conducted on this project.</i>		
192.225,192.275,192.277,192.279,192.283	Is pipe joined in accordance with approved written procedures?	Not Applicable
<u>General Comment:</u> <i>Joining of Plastic pipe was not conducted during Audit.</i>		
192.285	Date of Plastic Joining Qualification :	Not Applicable
<u>General Comment:</u> <i>Joining of Plastic pipe was not conducted during Audit.</i>		
192.285	Joiner's name:	Not Applicable
<u>General Comment:</u> <i>Joining of Plastic pipe was not conducted during Audit.</i>		
192.455	Is buried metallic pipe coated?	Not Applicable
<u>General Comment:</u> <i>Coated steel pipe was not installed as part of this project.</i>		
192.461	Does coating meet 192.461?	Not Applicable
<u>General Comment:</u> <i>Coated steel pipe was not installed as part of this project.</i>		
192.455(a)(1)	Is cathodic protection being provided?	Not Applicable
<u>General Comment:</u>		

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<i>Coated steel pipe was not installed as part of this project.</i>		
192.455(a)(1)	Is cathodic protection being provided? By Anodes:	Not Applicable
<u>General Comment:</u>		
<i>Coated steel pipe was not installed as part of this project.</i>		
192.455(a)(1)	Is cathodic protection being provided? By Rectifier:	Not Applicable
<u>General Comment:</u>		
<i>Coated steel pipe was not installed as part of this project.</i>		
192.461(c)	Is coating inspected just prior to being installed in the ditch?	Not Applicable
<u>General Comment:</u>		
<i>Coated steel pipe was not installed as part of this project.</i>		
192.467	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<u>General Comment:</u>		
<i>Coated steel pipe was not installed as part of this project.</i>		
192.479	Are above ground facilities cleaned and coated or jacketed as needed?	Not Applicable
<u>General Comment:</u>		
<i>This project did not include above ground facilities.</i>		
192.303	Are comprehensive written construction specifications available and adhered to?	Satisfactory
192.305	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
<u>General Comment:</u>		
<i>Ameren provided inspection of contract crew during construction.</i>		
192.307	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Not Applicable
<u>General Comment:</u>		
<i>During Audit K&S did not install pipe.</i>		
192.319	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Not Applicable
<u>General Comment:</u>		
<i>No back-filling was observed during Audit.</i>		
192.321(c)	Is plastic pipe installed as to minimize shear and tensile forces?	Not Applicable
<u>General Comment:</u>		

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<i>Contractor did not install pipe during Audit.</i>		
192.321(e)	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u> <i>Contractor was installing two tracer wires with pipe.</i>		
192.325	Are required clearances from underground structures being maintained?	Satisfactory
<u>General Comment:</u> <i>Contractor exposed existing utilities and structures for clearances.</i>		
192.327	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
<u>General Comment:</u> <i>Boring operations indicated a depth of 40 inches.</i>		
192.503	Are general testing requirements being met?	Not Checked
<u>General Comment:</u> <i>During Audit no testing was conducted or observed.</i>		
192.517	Are records being made of strength and leak tests?	Not Checked
<u>General Comment:</u> <i>During Audit no testing was conducted or observed.</i>		
192.807	Were covered employees Operator Qualification records reviewed to ensure qualification?	Not Checked
<u>General Comment:</u> <i>During the Audit Staff observed contractor operating directional boring equipment to ensure clearance and depth requirements. Staff relocated to observe tapping, stopping and welding.</i>		
192.805(c)	Were non-qualified personnel being "directed and observed" by a qualified individual?	Not Checked
<u>General Comment:</u> <i>During the Audit Staff observed contractor operating directional boring equipment to ensure clearance and depth requirements. Staff relocated to observe tapping, stopping and welding.</i>		
192.805(c)	Were span of control limitations being followed?	Not Checked
<u>General Comment:</u> <i>During the Audit Staff observed contractor operating directional boring equipment to ensure clearance and depth requirements. Staff relocated to observe tapping, stopping and welding.</i>		
Was a Protocol 9 (Form 15) Completed?		No
192.614	Were One Call Notifications performed as required?	Not Checked
<u>General Comment:</u> <i>During the Audit Staff observed contractor operating directional boring equipment to ensure clearance and depth requirements. Staff relocated to observe</i>		

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tapping, stopping and welding.

192.614	Dig Ticket #	Not Checked
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General Comment:

During the Audit Staff observed contractor operating directional boring equipment to ensure clearance and depth requirements. Staff relocated to observe tapping, stopping and welding.

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